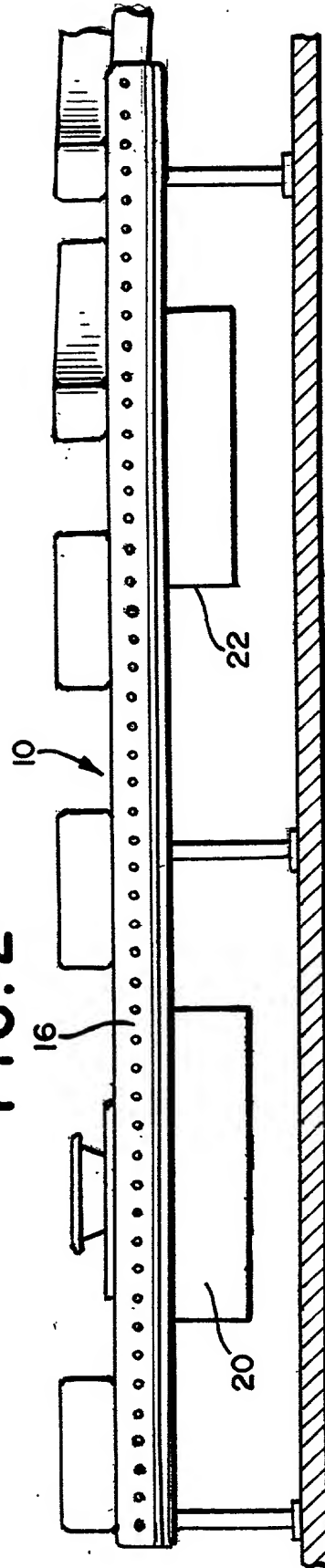
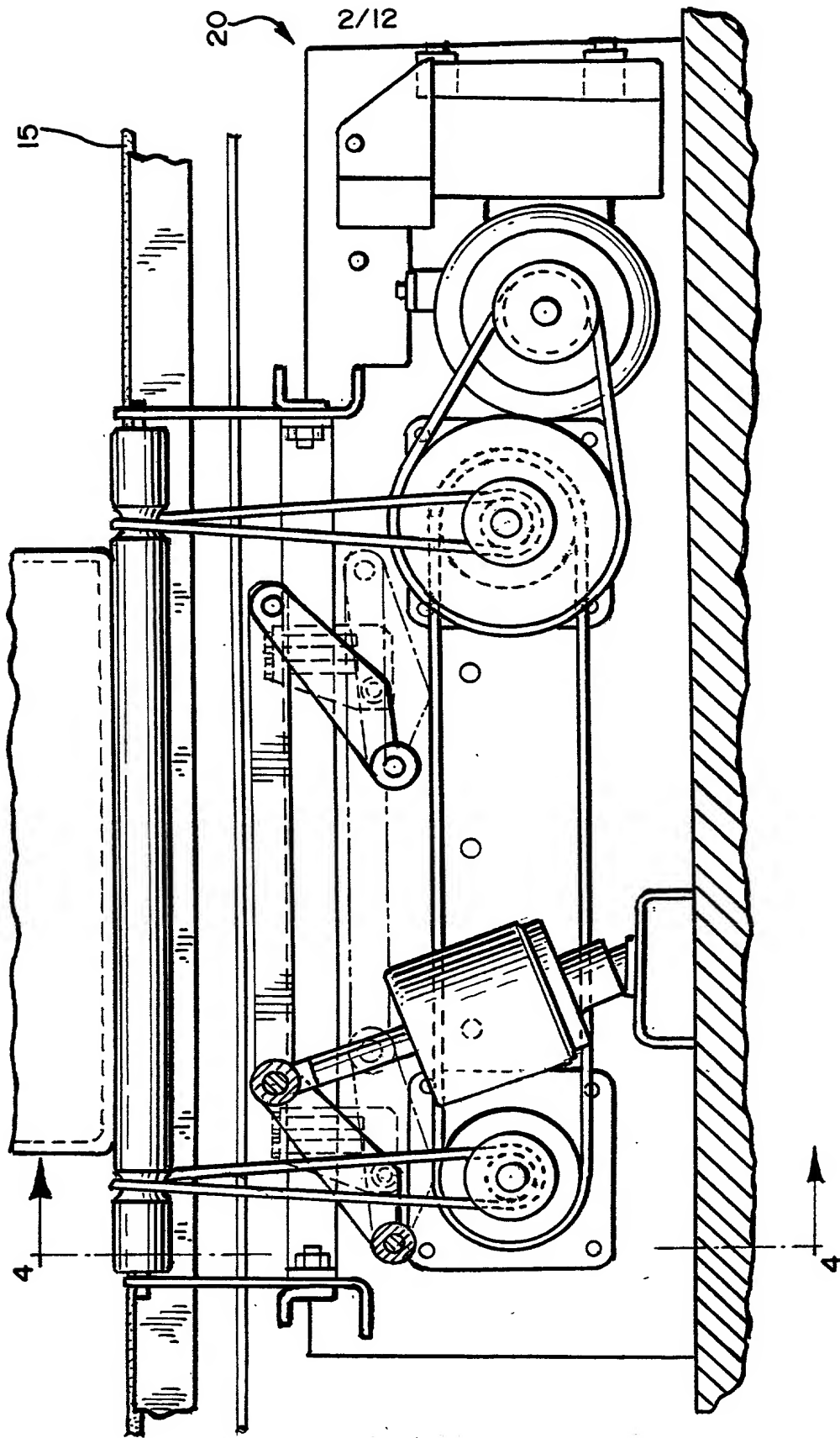


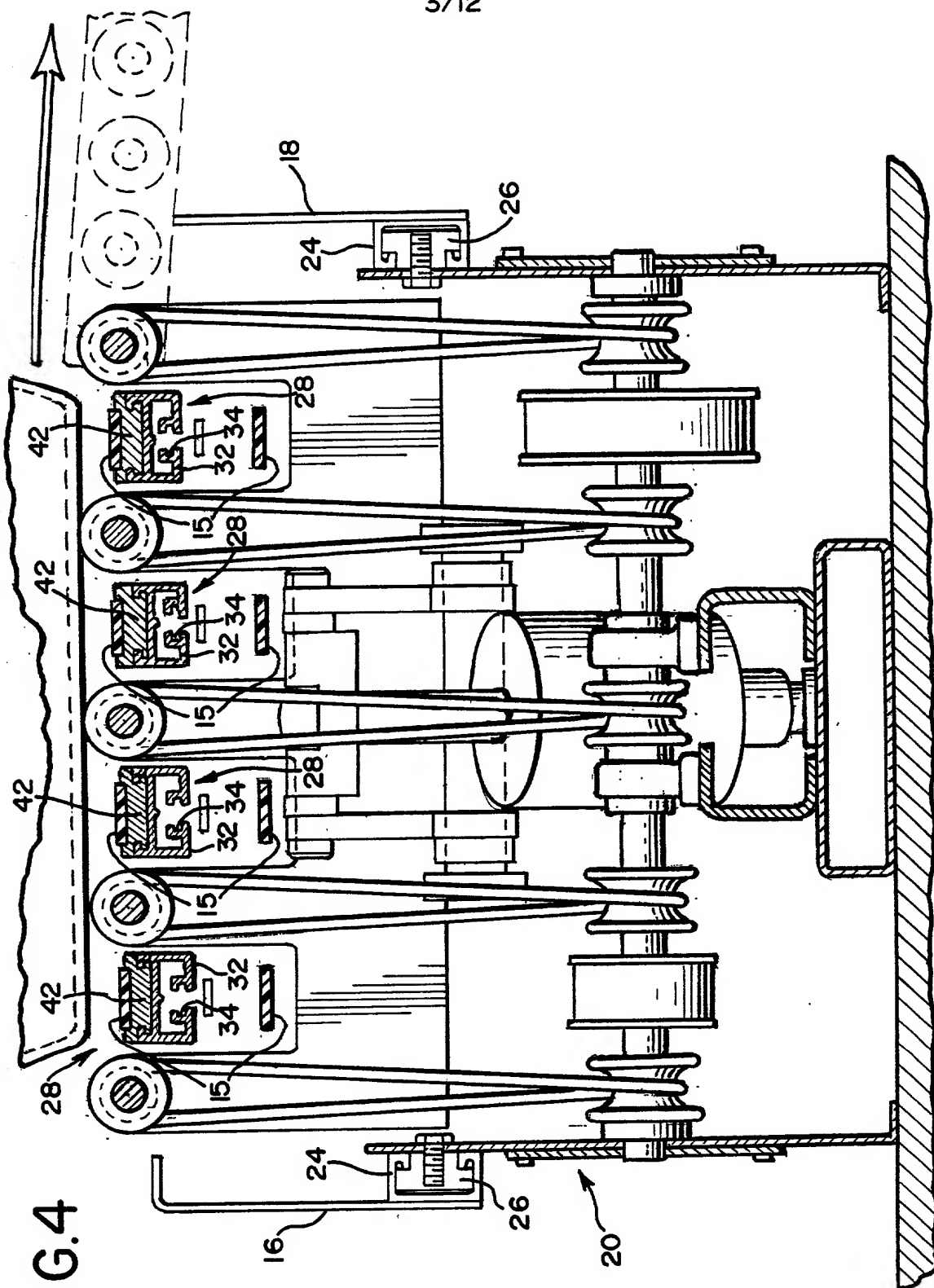
FIG. 2



2000 7 13 2001

FIG. 3





**FIG. 4**

FIG. 5

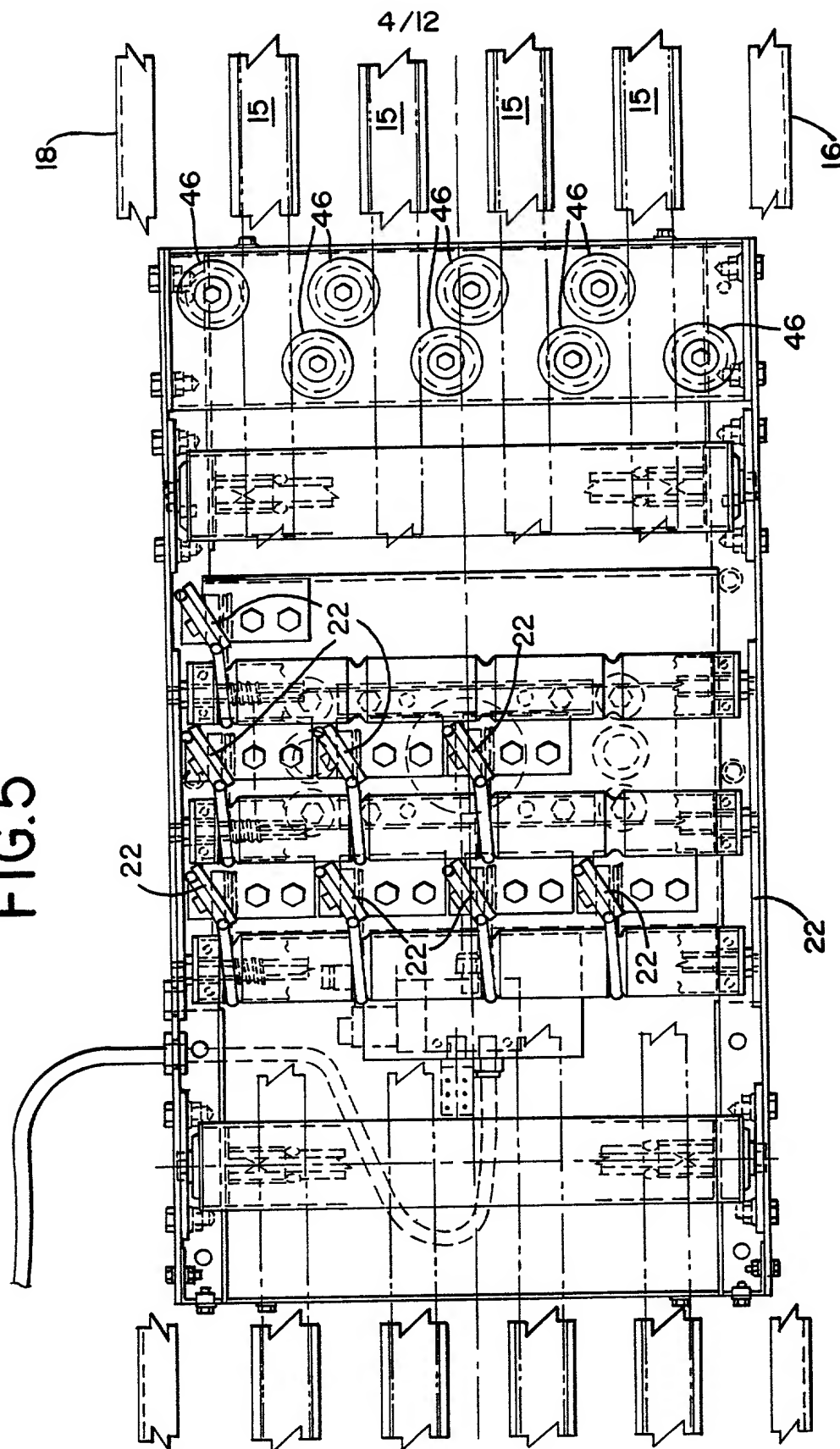


FIG. 6 is a cross-sectional view of a multi-lane assay device. The device features a central horizontal channel (22) with four vertical lanes. Each lane contains a sample (15) and a reagent (32) that reacts to form a colored product (34). The reaction is monitored by a detector (28) at the bottom of each lane. The device is housed in a frame (18) with a top cover (24) and a bottom cover (26). A central vertical shaft (22) is shown in cross-section.

FIG. 7

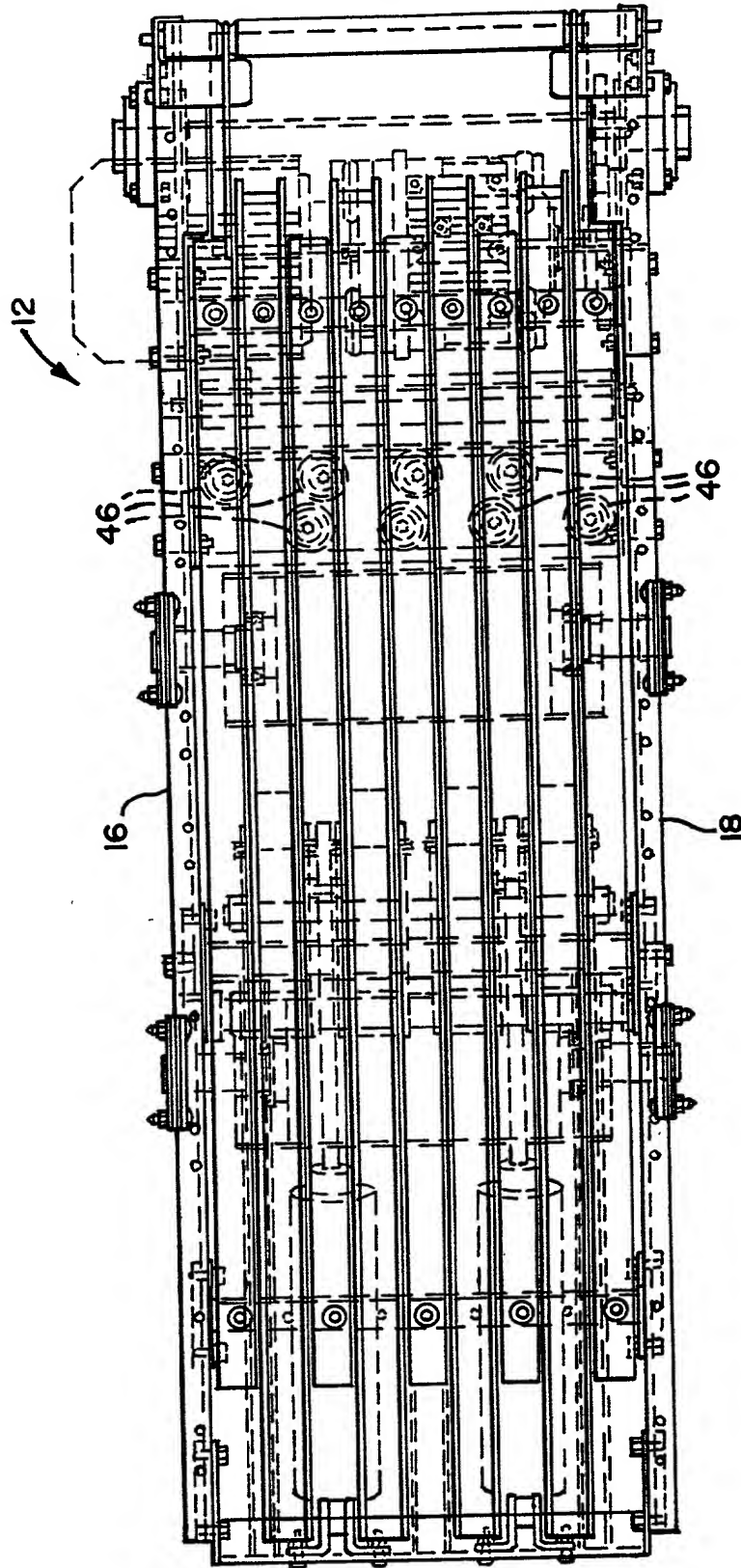


FIG. 8

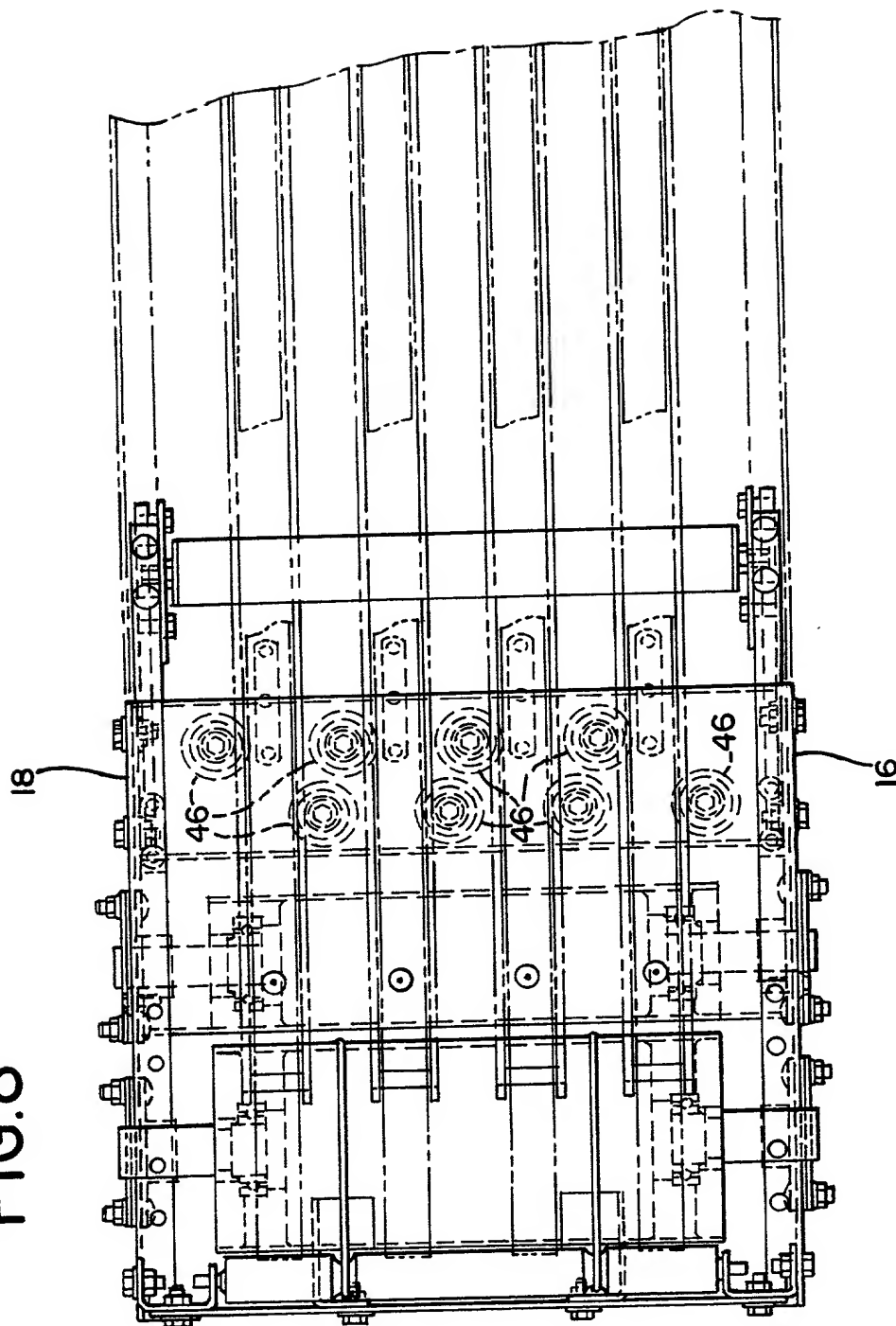


FIG.9

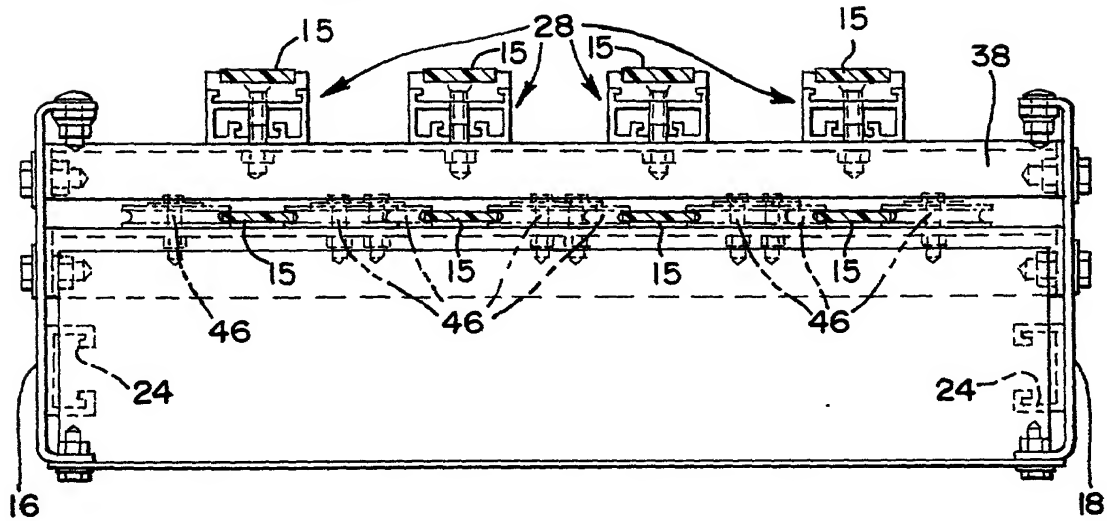
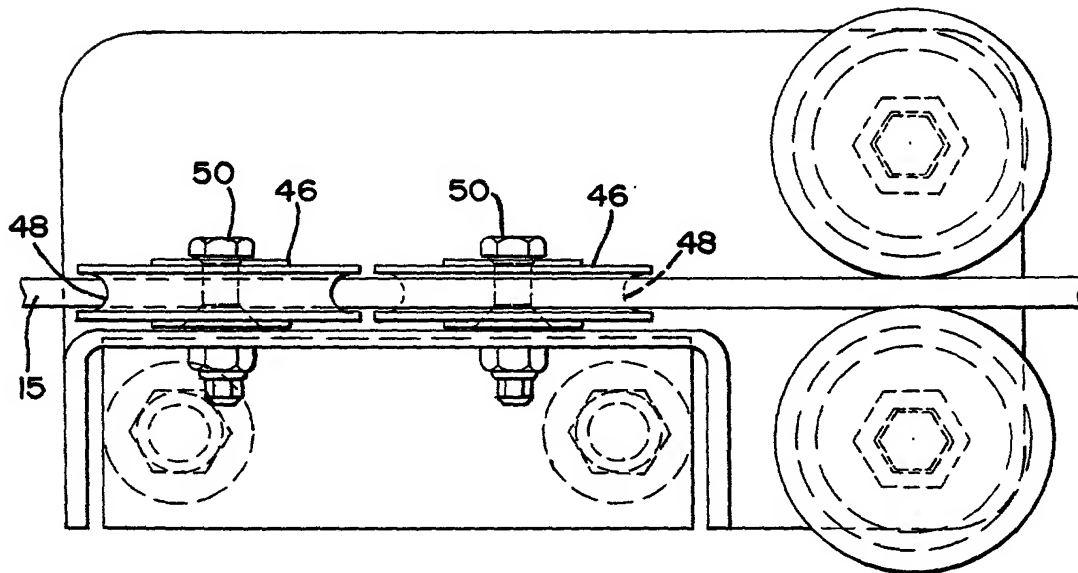


FIG.10





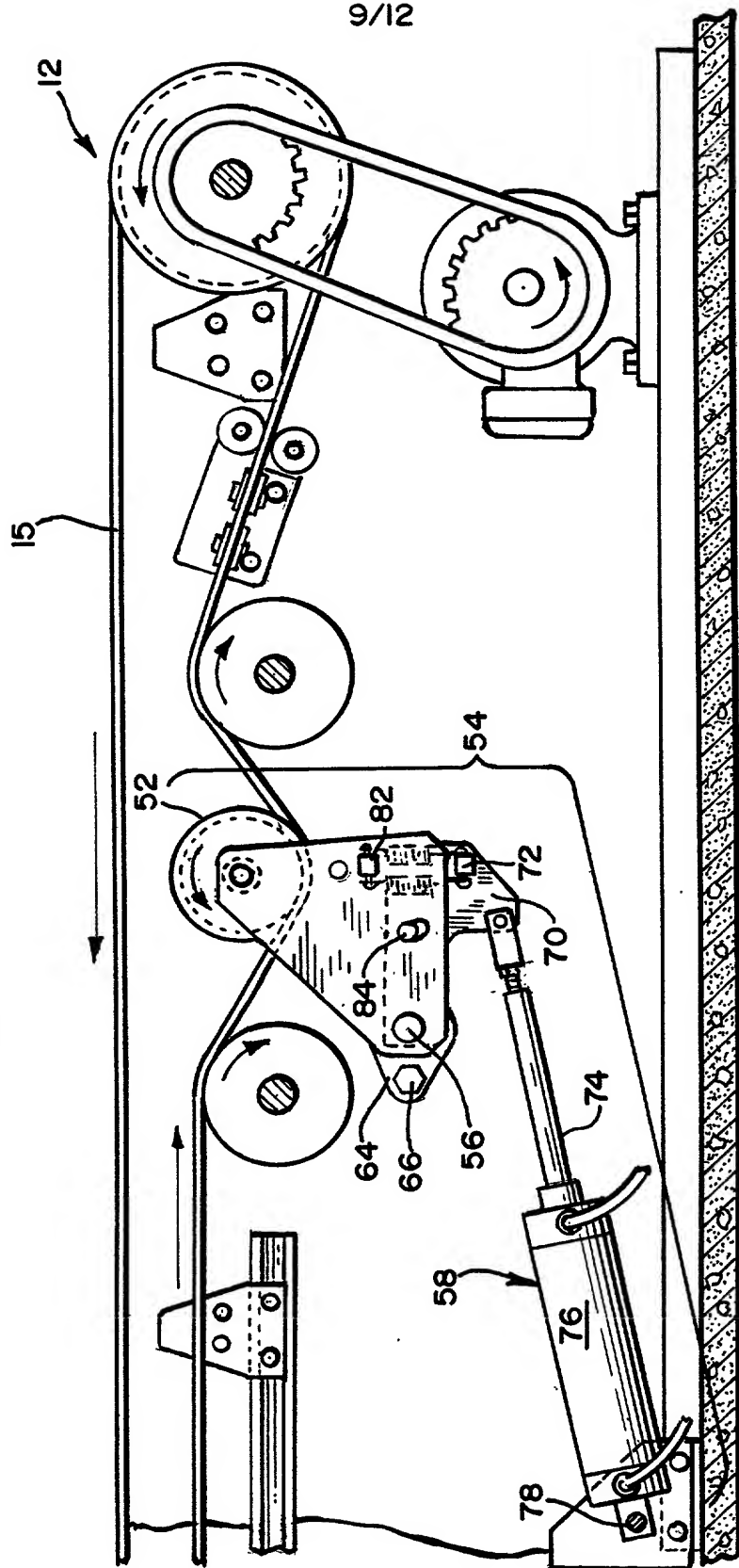
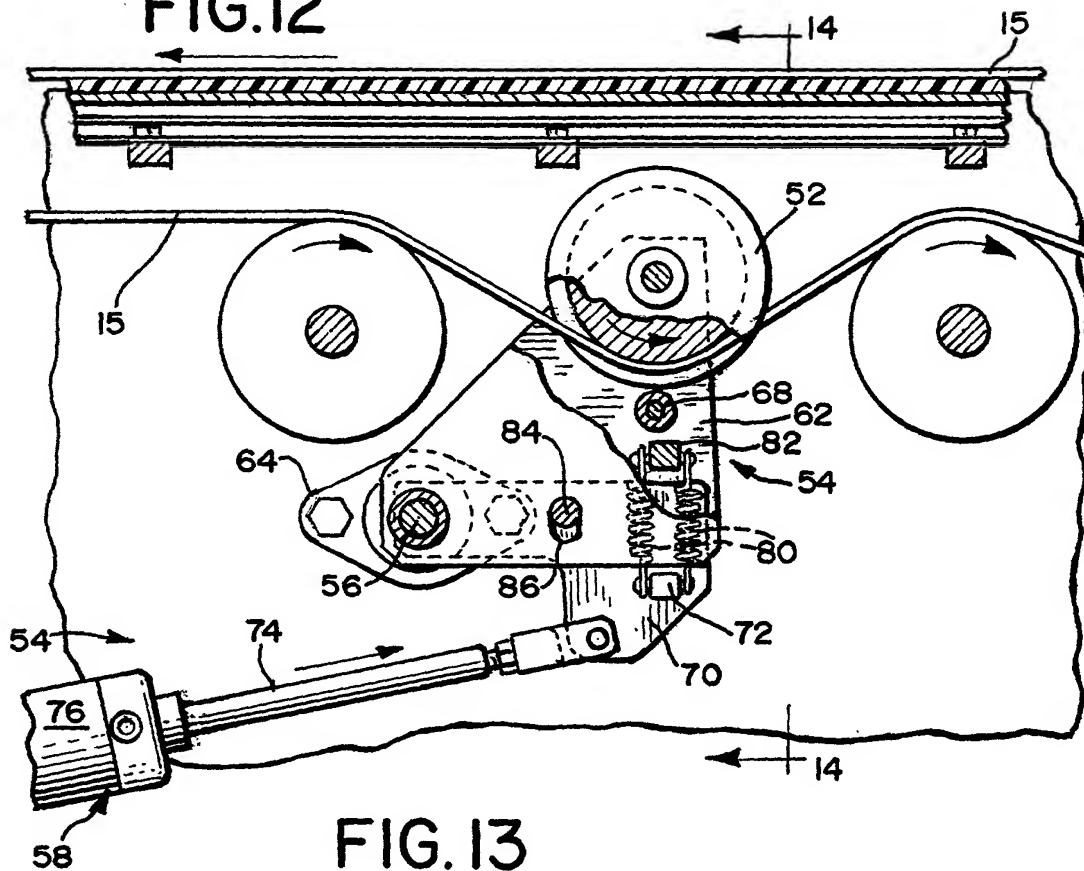


FIG. 11

# FIG.12

10/12



# FIG.13

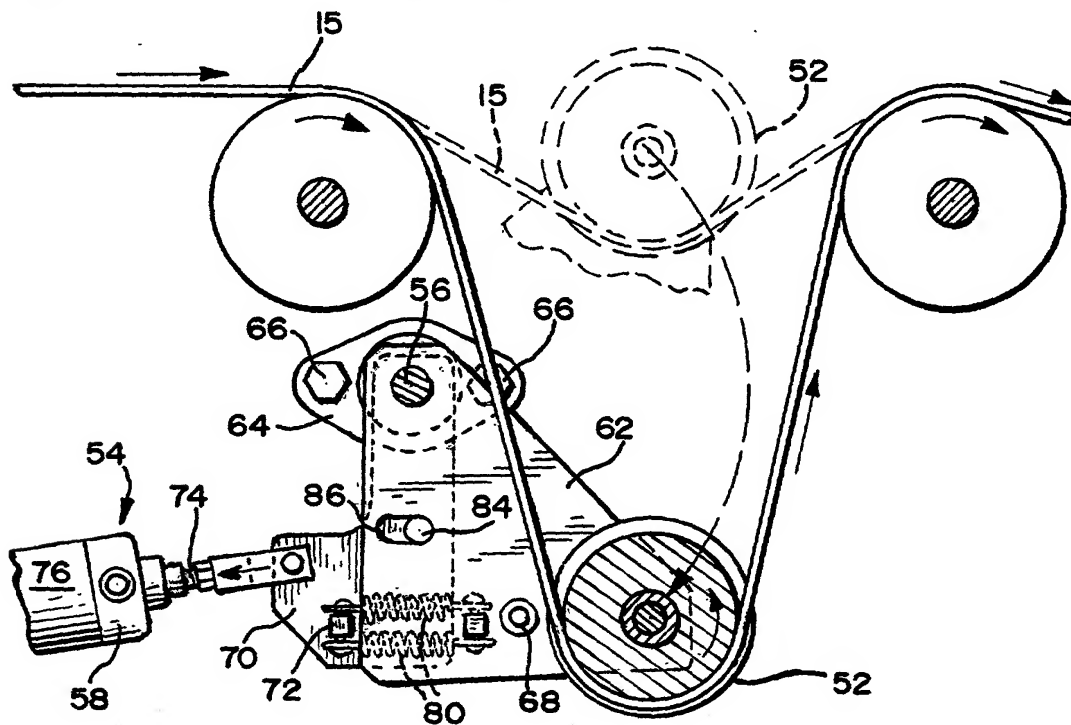


FIG. 14

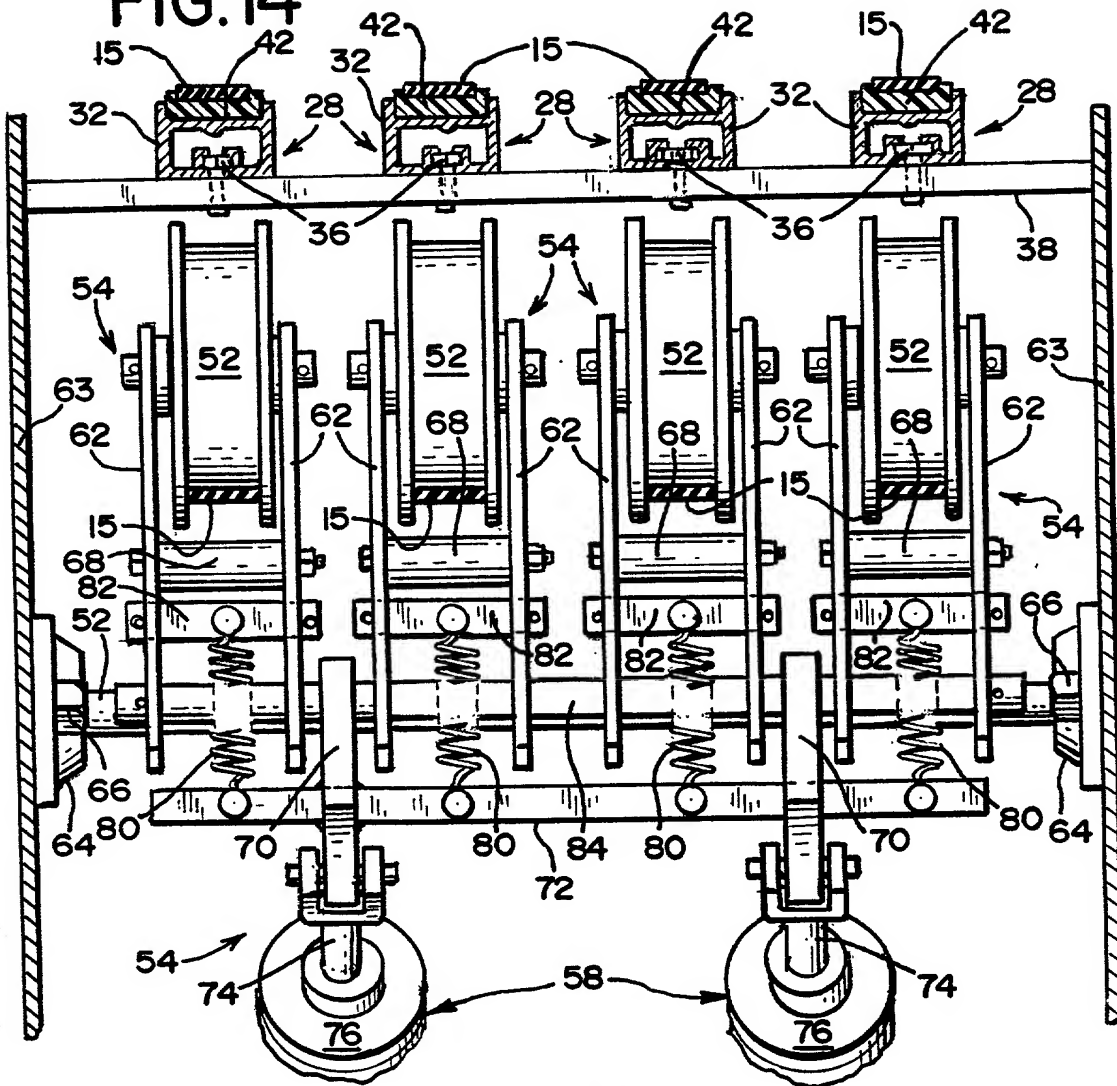


FIG. 15

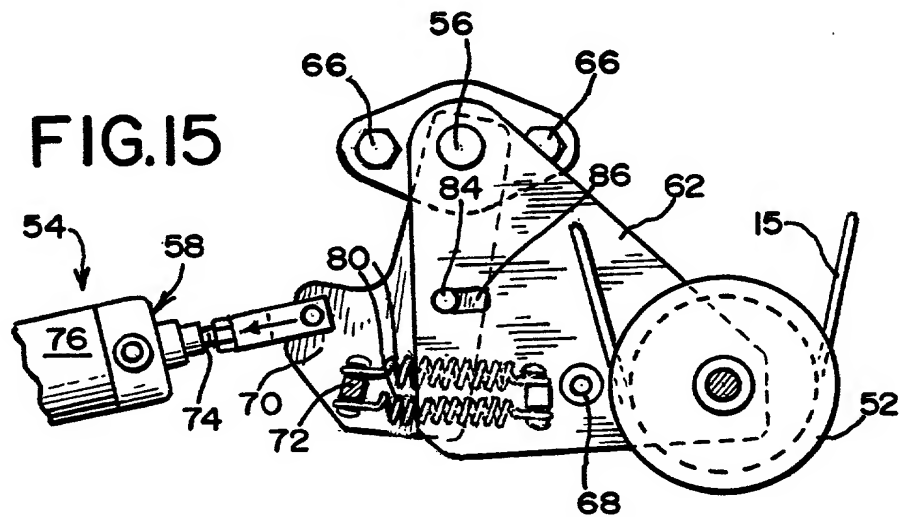


FIG. 16a

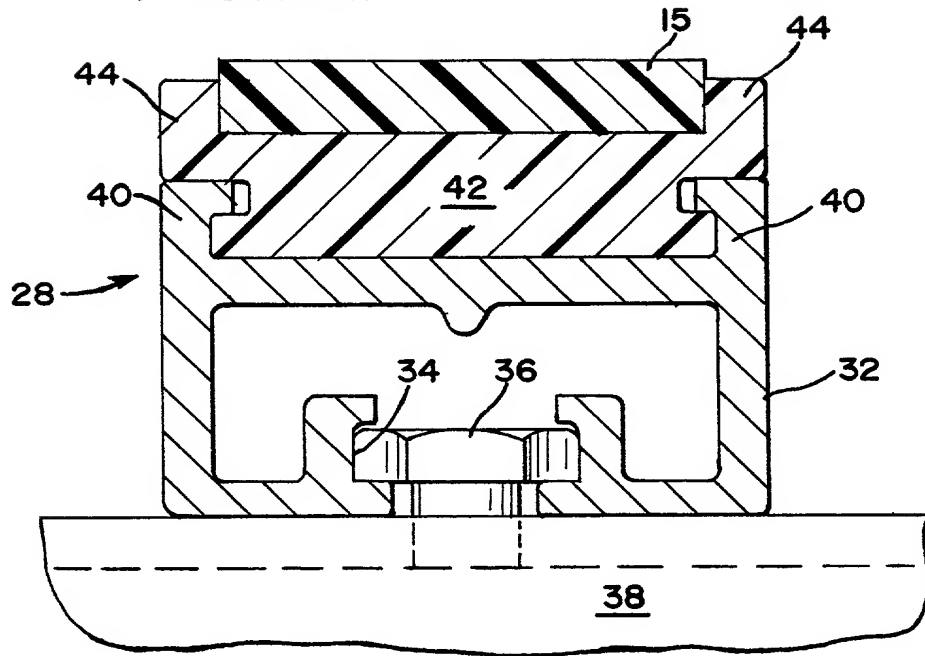


FIG. 16b

